

Disclosure Document

Date: March 28, 2001

Invention: Instrument Sterilization Roll

Inventor: Timothy P. Regan

Address: 129 Maria Blvd.

City, State, Zip: Archbald Pennsylvania, 18403

11040 U.S. PRO
09/901388
07/09/01



Purpose: This invention will be used for the sterilization of instruments that can be heat, chemical or gas sterilized. This invention will maintain the sterility of the instrument until the seal is broken. This invention can be used in Medical, Dental, Tattoo, or hospital settings.

Description: This product is a series of instrument sleeves, which can have various opening widths depending on the size of the instruments used in a particular setting. The sleeves are connected to each other by a vertical perforation, which will allow for the separation of as many sleeves as needed at any given time.

The front side will be transparent and stop about three inches from the top of the back side. Along the vertical sides each sleeve will be a sealed edge with an opening at the top to place the instrument into the sleeve. This will be made of heat and chemical resistant plastic sheets.

The back side of this product will be made of heat and chemical resistant paper that will be perforated along the same lines as the front side. On this side there will be an arrow that will confirm that the sterilization is complete when the arrow changes color, one arrow for each sleeve. This side will extend approximately three inches above the front side (transparent side). There will be sealer tape just above the transparent edge, which when removed will reveal a glue strip which can be folded over to create a seal maintaining sterilization until the sleeve is opened.

The sleeves will be a numbered 1-5 continuously to aid in counting while bagging instruments.

Drawing Legend: See Attached Drawing

- 1) Sealer Tape: Used to maintain sterilization
- 2) Confirmation Arrow: Used to confirm that the pouch has undergone the sterilization process
- 3) Sealed Edges: To maintain the seal on three sides of the pouch
- 4) Perforations: Allows the pouches to be separated at any point. Allowing any number of pouches to be connected in a series or individually
- 5) Transparent Edge: This is the top edge of the front side, which creates the opening for the instrument to be placed.
- 6) Counting Aid: The sleeves will be numbered continuously to allow in counting during instrument bagging.

Instrument Sterilization Roll

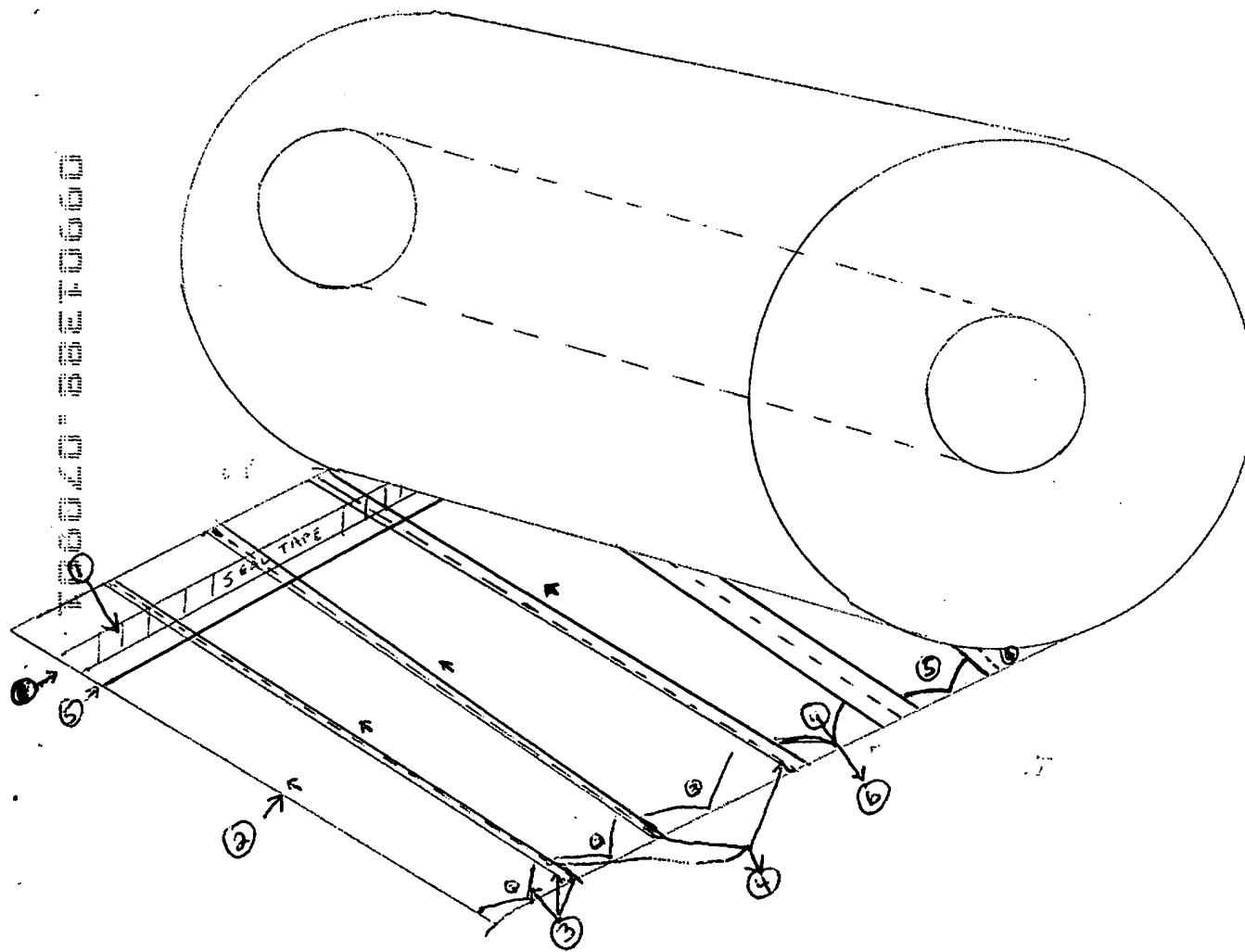


FIG. 1

Instrument Sterilization Wrap/ROLL

FLAT VIEW

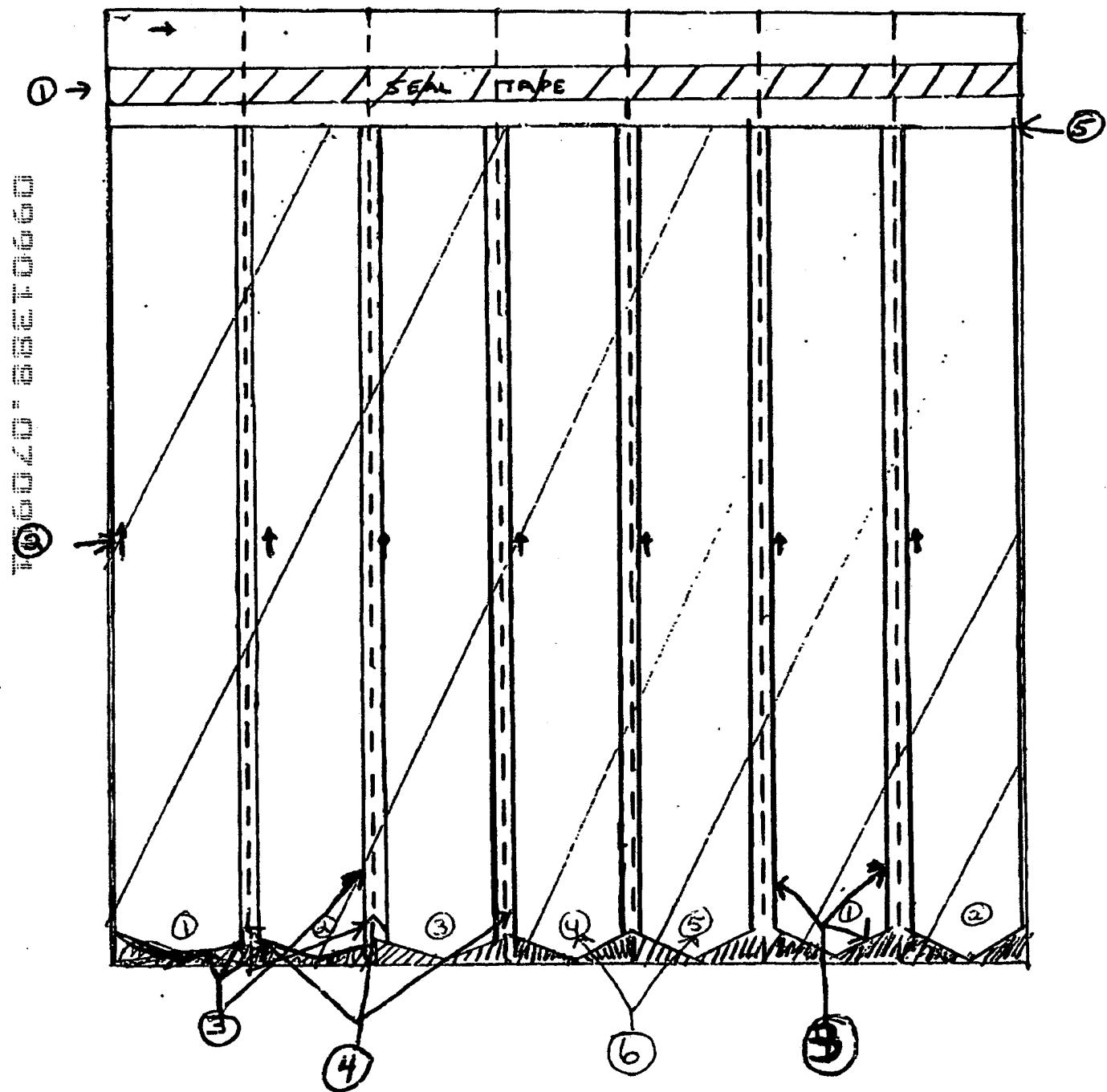


FIG. 2